

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits  | Search Query                | DBs                          | Default Operator | Plurals | Time Stamp          |
|-------|-------|-----------------------------|------------------------------|------------------|---------|---------------------|
| L1    | 618   | 209/284,288.ccls.           | US-PGPUB;<br>USPAT           | OR               | ON      | 2009/10/21<br>14:05 |
| L2    | 593   | 209/296,297,298,293.ccls.   | US-PGPUB;<br>USPAT           | OR               | ON      | 2009/10/21<br>14:05 |
| L3    | 1118  | 1 2                         | US-PGPUB;<br>USPAT           | OR               | ON      | 2009/10/21<br>14:05 |
| S1    | 1     | 10/598131                   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2009/03/19<br>10:48 |
| S2    | 2     | "3233836".pn.               | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2009/03/19<br>11:08 |
| S3    | 1     | (fumi and kato).in.         | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2009/03/19<br>11:09 |
| S4    | 179   | (fumio and kato).in.        | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2009/03/19<br>11:09 |
| S5    | 94    | (teruo and inoue).in.       | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2009/03/19<br>11:10 |
| S6    | 45    | (yoshio and sakakibara).in. | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2009/03/19<br>11:10 |
| S7    | 1     | (sinsaku and kamimura).in.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2009/03/19<br>11:10 |
| S8    | 1     | S4 and S5 and S6            | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2009/03/19<br>11:10 |
| S9    | 307   | S4 S5 S6                    | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2009/03/19<br>11:11 |
| S10   | 14    | (tsukasa and industry).as.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2009/03/19<br>11:12 |
| S11   | 75714 | "209".clas.                 | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2009/03/19<br>11:36 |
| S12   | 381   | S11 and kaolin              | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2009/03/19<br>11:36 |

|     |     |   |                        |    |    |                  |
|-----|-----|---|------------------------|----|----|------------------|
| S13 | 27  | ("0188429"   "2105782"   "2134703"   "2616609"   "2734635"   "0231555"   "3475178"   "3510002"   "3692091"   "3747770"   "3876548"   "4038187"   "4361590"   "4737277"   "4906364"   "5008010"   "5490928"   "5607587"   "5733450").PN.                                       | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/19 11:38 |
| S14 | 8   | ("5008010"   "5248042"   "5507396"   "5607587"   "5733450"   "5992641"   "6016921"   "6543621").PN.   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/19 11:38 |
| S15 | 1   | S1 and cover  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/19 11:39 |
| S16 | 23  | ("0117990"   "0304682"   "1571736"   "1717604"   "2055119"   "3845863"   "3928188"   "4178246"   "4294692"   "4310412"   "4799595"   "5458246"   "5593042"   "5697503"   "5707488"   "6338412"   "7093718").PN. OR ("2009/0020460"   "7093718"   "7410064"   "7413086").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/19 11:46 |
| S17 | 2   | "20040011710"   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/19 12:01 |
| S18 | 15  | ("0619341"   "2711250"   "3865727"   "3886063"   "4159242"   "4207943"   "4717470"   "4901863"   "5507396"   "5535891"   "5628912"   "5957301"   "6006921").pn.   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/24 09:34 |
| S19 | 1   | "6874713".pn.   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/24 09:34 |
| S20 | 16  | S18 S19   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/24 09:34 |
| S21 | 593 | 209/296,297,298,293.ccls.   | US-PGPUB; USPAT        | OR | ON | 2009/03/24 09:44 |
| S22 | 617 | 209/284,288.ccls.   | US-PGPUB; USPAT        | OR | ON | 2009/03/24 09:44 |
| S23 | 402 | 209/370,372.ccls.   | US-PGPUB; USPAT        | OR | ON | 2009/03/24 09:44 |
| S24 | 93  | S21 and S22   | US-PGPUB; USPAT        | OR | ON | 2009/03/24 09:49 |

|     |    |   |                 |    |    |                  |
|-----|----|---|-----------------|----|----|------------------|
| S25 | 50 | (US-20090020460-\$ or US-20060102527-\$ or US-20080116120-\$ or US-20040137218-\$ or US-20050121375-\$ or US-20050136154-\$ or US-20050224148-\$ or US-20060032807-\$ or US-20080023383-\$).did. or (US-7410064-\$ or US-5553657-\$ or US-5651248-\$ or US-5851686-\$ or US-4795598-\$ or US-4970091-\$ or US-5010945-\$ or US-5197528-\$ or US-5620490-\$ or US-6095339-\$ or US-4874358-\$ or US-5595580-\$ or US-5770136-\$ or US-5851568-\$ or US-5884387-\$ or US-6156246-\$ or US-4249860-\$ or US-4539918-\$ or US-4542114-\$ or US-4825094-\$ or US-4906259-\$ or US-4939466-\$ or US-5007561-\$ or US-5202299-\$ or US-5243946-\$ or US-5248457-\$).did. or (US-5260519-\$ or US-5273814-\$ or US-5320750-\$ or US-5419877-\$ or US-5626651-\$ or US-5653888-\$ or US-5656063-\$ or US-5702244-\$ or US-6032456-\$ or US-6091843-\$ or US-6193412-\$ or US-6309703-\$ or US-7087202-\$ or US-7172688-\$ or US-7341661-\$).did. | US-PGPUB; USPAT | OR | ON | 2009/03/24 09:50 |
| S26 | 50 | (US-20090020460-\$ or US-20060147622-\$ or US-20020127130-\$ or US-20050136154-\$ or US-20070132020-\$ or US-20080197409-\$).did. or (US-4249860-\$ or US-5655366-\$ or US-3811325-\$ or US-3943754-\$ or US-5181474-\$ or US-4542114-\$ or US-5595580-\$ or US-5620490-\$ or US-5651248-\$ or US-5651250-\$ or US-6042781-\$ or US-6049381-\$ or US-6332906-\$ or US-6896720-\$ or US-5598931-\$ or US-5664686-\$ or US-3563544-\$ or US-3568961-\$ or US-3570401-\$ or US-3570595-\$ or US-3578018-\$ or US-3584884-\$ or US-3590272-\$ or US-3602033-\$ or US-3602402-\$ or US-3603150-\$).did. or (US-  | US-PGPUB; USPAT | OR | ON | 2009/03/24 09:50 |

|     |     |   |                              |    |    |                  |
|-----|-----|---|------------------------------|----|----|------------------|
|     |     | 3605034-\$ or US-3620499-\$ or US-3654471-\$ or US-3654531-\$ or US-3670347-\$ or US-3675394-\$ or US-3682355-\$ or US-3687485-\$ or US-3690554-\$ or US-3695629-\$ or US-3700980-\$ or US-3703820-\$ or US-3704687-\$ or US-3722222-\$ or US-3736368-\$ or US-3738675-\$ or US-3739731-\$ or US-3750681-\$).did. |                              |    |    |                  |
| S27 | 7   | S25 and S26   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/03/24 09:51 |
| S28 | 93  | S25 S26   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/03/24 09:51 |
| S29 | 500 | S21 not S24   | US-PGPUB;<br>USPAT           | OR | ON | 2009/03/24 10:01 |
| S30 | 593 | 209/296,297,298,293.cols.   | US-PGPUB;<br>USPAT           | OR | ON | 2009/03/24 13:13 |
| S31 | 617 | 209/284,288.cols.   | US-PGPUB;<br>USPAT           | OR | ON | 2009/03/24 13:13 |
| S32 | 524 | S31 not S30   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/03/24 13:13 |
| S33 | 23  | (("0779149"   "1284669"   "1427031"   "1771996"   "2204835"   "2392812"   "4184944"   "4222865"   "4670136"   "5049262"   "5213217"   "5346071"   "5377846").PN. OR ("5507396").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/03/24 13:29 |
| S34 | 13  | (("0015455"   "1571736"   "2293668"   "4638954").PN. OR ("5458246").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/03/24 13:29 |
| S35 | 6   | (("4109511"   "4413738"   "4691830"   "4762544"   "5675516"   "6584805").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/03/24 13:40 |
| S36 | 8   | (("5008010"   "5248042"   "5507396"   "5607587"   "5733450"   "5992641"   "6016921"   "6543621").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/03/24 13:41 |

|     |       |  |                        |    |    |                  |
|-----|-------|--|------------------------|----|----|------------------|
| S37 | 73    | ("0188429"   "0231555"   "0779149"   "1284669"   "1427031"   "1771996"   "2105782"   "2134703"   "2204835"   "2392812"   "2423442"   "2575484"   "2616609"   "2734635"   "2793755"   "3475178"   "3510002"   "3747770"   "3876548"   "3962091"   "4038187"   "4184944"   "4222865"   "4361590"   "4670136"   "4720473"   "4737277"   "4906364"   "5008019"   "5049262"   "5213217"   "5346071"   "5377846"   "5490928"   "5607587").PN.OR("5008010"   "5507396"   "5607587"   "5733450"   "6016921").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/24 13:42 |
| S38 | 75719 | "209".clas.  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/24 13:59 |
| S39 | 13432 | S38 and sheet  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/24 13:59 |
| S40 | 736   | S39 and (inspect camera)   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/24 13:59 |
| S41 | 1257  | S39 and (print\$4)   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/24 14:00 |
| S42 | 240   | S40 and S41  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/24 14:00 |
| S43 | 562   | 209/584.ccls.  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/24 14:09 |
| S44 | 27    | S43 and pippin   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/24 14:09 |

|     |    |   |                        |    |    |                  |
|-----|----|---|------------------------|----|----|------------------|
| S45 | 29 | ("1204428"   "3732978"   "3905896"   "4310276"   "4509635"   "4554873"   "4679149"   "4756657"   "4963251"   "4997337"   "5000325"   "5086929"   "5174454"   "5188210"   "5240118"   "5346351"   "5405232"   "5590794"   "5634760"   "5845785"   "5994657"   "6026967"   "6079570"   "6082521"   "6555776"   "6762382").PN.<br>OR ("7138596").URPN.                 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/24 14:10 |
| S46 | 29 | S43 and ((insert\$3 extract\$3) same (rotat\$3))  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/24 14:11 |
| S47 | 72 | S43 and siemens   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/24 14:12 |
| S48 | 88 | hageman.xa.   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/04 15:07 |
| S49 | 33 | ("20020195310"   "2609115"   "3884346"   "4031976"   "4058198"   "4063375"   "4206840"   "4303506"   "4512687"   "4624357"   "4983280"   "4997135"   "5193971"   "5234564"   "5248042"   "5285905"   "5332052"   "5333725"   "5474816"   "5577618"   "5749452"   "5819950"   "6290153"   "6360876"   "6360894"   "6543622"   "6910586").PN.<br>OR ("7273150").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/04 15:09 |
| S50 | 47 | ("0065716"   "0447162"   "0530086"   "1081969"   "1321773"   "1370620"   "1420685"   "1458299"   "1786131"   "2516963"   "2620064"   "2904847"   "2983379"   "3942625"   "4236999"   "4278543"   "4440635"   "4587745"   "4635860"   "4687105"   "4896835"   "4933073").PN.<br>OR ("5248042").URPN.   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/04 15:09 |

|     |       |   |                              |    |    |                     |
|-----|-------|---|------------------------------|----|----|---------------------|
| S51 | 28    | ("20040159593"   "2609115"  <br>"3884346"   "4031976"  <br>"4058198"   "4135614"  <br>"4303506"   "4624357"  <br>"4784400"   "4927528"  <br>"4983280"   "4997135"  <br>"5193971"   "5234564"  <br>"5248042"   "5285905"  <br>"5332052"   "5427250"  <br>"5577618"   "5819950"  <br>"6019227"   "6056252"  <br>"6290153"   "6360894"  <br>"6543622"   "6572039"  <br>"6843376").PN.OR<br>("7513370").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/09/04<br>15:10 |
| S52 | 23    | ("0779149"   "1284669"  <br>"1427031"   "1771996"  <br>"2204835"   "2392812"  <br>"4184944"   "4222865"  <br>"4670136"   "5049262"  <br>"5213217"   "5346071"  <br>"5377846").PN.OR<br>("5507396").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/09/04<br>15:12 |
| S53 | 88    | hageman.xa.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/09/04<br>15:20 |
| S54 | 75958 | "209".clas.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/09/04<br>15:20 |
| S55 | 87    | ("1626492"   "20020079255"  <br>"20020139726"  <br>"20020179502"  <br>"20030000871"  <br>"20030141226"  <br>"20030155282"  <br>"20040251179"  <br>"20050173312"  <br>"20070102328"   "2669365"  <br>"2695699"   "3184061"  <br>"3312358"   "3598303"  <br>"3880298"   "3929076"  <br>"3941372"   "4008813"  <br>"4181947"   "4247008"  <br>"4401301"   "4440492"  <br>"4507739"   "4511024"  <br>"4566595"   "4630216"  <br>"4641753"   "4672553"  <br>"4690751"   "4974721"  <br>"5009321"   "5016753"  <br>"5031223"   "5072822"  <br>"5074539"   "5101981"  <br>"5119954"   "5133543"  <br>"5226547"   "5289983"  <br>"5293983"   "5325972"  <br>"5353912"   "5353915" | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/09/04<br>15:22 |

|     |     |   |                              |    |    |                     |
|-----|-----|---|------------------------------|----|----|---------------------|
|     |     | "5363971"   "5377814"  <br>"5398922"   "5446667"  <br>"5544758"   "5558201"  <br>"5628162"   "5706928"  <br>"5718321"   "5772029"  <br>"5833076"   "6059091"  <br>"6119929"   "6167326"  <br>"6208908"   "6217274"  <br>"6227378"   "6239397"  <br>"6241099"   "6269609"  <br>"6270069"   "6283304"  <br>"6316741"   "6328302"  <br>"6347260"   "6364199"  <br>"6443311"   "6466828"  <br>"6501041"   "6536191"  <br>"6555776"   "6561339"  <br>"6561360"   "6598748"  <br>"6729836"   "6946612"  <br>"7126074").PN.OR<br>("7411146").URPN. |                              |    |    |                     |
| S56 | 905 | S54 and carriage  | US-PGPUB;<br>USPAT;<br>USOOR | OR | ON | 2009/09/04<br>15:24 |
| S57 | 14  | S56 and (hanson roth).in.   | US-PGPUB;<br>USPAT;<br>USOOR | OR | ON | 2009/09/04<br>15:24 |

**EAST Search History (Interference)**

&lt; This search history is empty&gt;

10/ 21/ 2009 2:07:20 PM

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